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**imagery analysis report**

## **Iraq/Iran Military Summary**

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**IRAQ/IRAN MILITARY SUMMARY**

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1. (S/D) This report updates the most recent<sup>1</sup> in a series of imagery-derived reports on the Iraq/Iran conflict and covers the period from [ ] The report discusses deployed ground forces in the forward area (Figure 1), rear garrison units, airfields, naval bases, commercial shipping, POL facilities, the Nuclear Research Center in Baghdad, and related air activity in Libya. Military unit designators and subordination (where used) are derived from collateral sources.<sup>2</sup> Additional reports will be issued as the situation changes.

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**OVERVIEW**

2. (S/D) Imagery of the forward areas of conflict on [ ] continued to show the Iraqi forces in the Khorramshahr area on the outskirts of the town.

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3. (S/D) Iraqi and Iranian force positions remained essentially unchanged west and southwest of Ahvaz between [ ] However, an Iranian force was observed under attack northwest of the city. Evidence of Iranian forces receiving reinforcements was seen on [ ]

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4. (S/D) The position of the Iranian forces in the Dezful area remained unchanged on [ ] The Iraqi forces in the Dezful area were not imaged. In the Qasr-E Shirin area, Iraqi forces had advanced to within 3 nautical miles (nm) of the Iranian city of Pol-E Zahab. A second Iraqi force was operating southeast of Qasr-E Shirin towards Gilan-E Gharb in Iran.

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5. (S/D) Six Iraqi and seven Iranian rear area garrisons were imaged during the period. Iraqi units remained out of garrison. At three Iranian installations, two in Kermanshah and one in Shahabad, units had departed.

6. (S/D) Four Iraqi and 13 Iranian airfields were imaged. Increased air defense equipment was deployed at K-I Airfield in Iraq. In Iran, Abadan Airfield International remained damaged and nonoperational. The Iraqi bomber base at Al Taqaddum and the Iranian F-14 bases at Shiraz International and at Khatami AB Airfield were not imaged.

7. (S/D) One Iraqi and three Iranian naval facilities were covered with no battle damage evident.

8. (S/D) Twenty-three POL facilities in Iraq and 17 in Iran were imaged. New battle damage was evident at two Iraqi and two Iranian facilities.

9. (S/D) Related activity included a significant concealment effort at the Baghdad Nuclear Research Center and the presence of two Iranian 747 aircraft at an airfield in Libya.

**GROUND FORCE ACTIVITY****Iraq/Iran Forward Area****Khorramshahr Area**

10. (S/D) One Iraqi tank platoon and two mechanized infantry battalions were deployed on an east-west axis 4 nm north of Khorramshahr on [ ] Figure 2). One Iraqi field artillery (FA) battalion and one FA battery-plus (7 FA) had moved 3 nm closer to Khorramshahr in support of the ground forces. A second concentration of artillery, consisting of an FA battalion-plus, was 4 nm southwest of the city on the west bank of the Shatt Al Arab in Iraq.

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11. (S/D) Although Iranian infantry were probably in the Khorramshahr area, the only Iranian ground force unit observed consisted of one FA battery (4 FA) on the northeast edge of Abadan.

**Ahvaz Area**

12. (S/D) Iraqi ground forces were deployed 10 to 17 nm west and southwest of Ahvaz on [ ] (Figure 3). These forces included maneuver elements of five mechanized infantry battalions-minus one mechanized infantry company, one tank battalion-minus one tank company, one tank platoon, four FA battalions, and two air defense batteries (anti-aircraft—AA—guns). Iraqi positions remained relatively unchanged since [ ] except for the repositioning of two of the mechanized infantry battalions-minus.

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13. (S/D) Iranian ground forces continued to be deployed west and southwest of Ahvaz on [ ] These forces consisted of one tank platoon, one understrength tank platoon, a mechanized infantry platoon, and a self-propelled (SP) gun battalion. Evidence of incoming artillery fire was observed throughout Iranian positions west of the city. In addition, one SP gun battery (four M107) was observed for the first time deployed on the northwest outskirts of Ahvaz on [ ] This was the first indication of Iranian reinforcements moving into the Ahvaz area.

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14. (S/D) A second Iranian force consisting of two tank battalions-minus and two understrength M107 SP gun batteries was deployed along a road 33 nm northwest of Ahvaz. This Iranian force appeared to have recently redeployed to this area from positions 5 nm further to the northwest, leaving behind at least ten destroyed armor vehicles. The Iranian positions were receiving heavy shell fire. No Iraqi forces were observed between the Iranian positions and the limits of imagery on [ ] 25X1
15. (S/D) Major elements of the 1st Armor Brigade and other divisional-level elements of the 92d Armor Division remained out of garrison at Ahvaz Barracks Storage Depot Brigade and Division Headquarters (BE [ ]) The equipment that remained in garrison after major elements had departed by [ ] 25X1  
[ ] continued to decline on a piecemeal basis. Evidence of bomb damage and secondary explosions was observed at the adjacent ammunition storage depot on [ ] (Figure 4). 25X1
16. (S/D) Major elements of the two tank battalions and two mechanized infantry battalions of the 3d Armor Brigade departed Hamidiyah Army Barracks [ ] Those elements remaining included two tank platoons and two mechanized infantry companies. One understrength mechanized infantry company was deployed on a ridgeline in the nearby training area. 25X1
17. (S/D) Ahvaz Hawk Site 12 [ ] 7 nm northwest of Ahvaz, and Ahvaz Hawk Site 10 [ ] 6 nm south of the city, were unoccupied. 25X1

**Dezful Area**

18. (S/D) The only Iraqi forces imaged during the reporting period were a combat unit consisting of one T-55-equipped tank battalion, one BTR-60-equipped mechanized infantry company, one FA battery, one engineer unit, and their support equipment deployed approximately 50 nm southwest of Dezful in revetments in the Buzurgan oilfield (Figure 5).
19. (S/D) Iranian forces were still in control of Dezful, and no major new damage to the city and bridges was observed on partial coverage of [ ] (Figure 6). Maneuver elements of two understrength Iranian tank battalions of the tank brigade, previously reported 7 nm west northwest of Dezful, had not moved since [ ] 25X1  
[ ] Two M109 SP gun batteries, one FA battery, and two understrength FA batteries had also remained in their previous positions. In addition, an Iranian tank platoon and 55 trucks were dispersed in ravines 9.5 nm north of Dezful in an area not previously imaged. 25X1
20. (S/D) At Dezful Barracks and Brigade Headquarters [ ] no change in equipment or activity levels or battle damage was observed. Maneuver elements of two tank companies and at least one M109 SP gun battery (6 SP guns) were still in garrison. 25X1
21. (S/D) Dezful Hawk Site 2 A24-35 [ ] 2 nm south of Dezful, remained occupied, and missiles were on all six launchers. 25X1

**Qasr-E Shirin**

22. (S/D) Elements of an Iraqi understrength probable mechanized infantry brigade supported by an FA battalion and three FA batteries had advanced 15 nm into Iran to a point 3 nm west-northwest of Pol-E Zahab by [ ] (Figure 7). Opposing Iranian forces in the vicinity consisted of a tank company-plus. On [ ] 25X1  
[ ] two additional tank companies and an M109 SP gun battery had been observed deployed 7 nm east-southeast of Pol-E Zahab, probably as a reserve force. 25X1
23. (S/D) A second Iraqi force was observed 6 nm southeast of Qasr-E Shirin at 34-25-00N 045-38-0E on [ ] This force consisted of a tank company, a mechanized infantry company, and one SA-6 surface-to-air missile (SAM) battalion with two FA battalions and an FA battalion-minus deployed along the valley road leading southeast to Gilan-E Gharb. This artillery may have been deployed in support of an Iraqi armor brigade (not imaged) advancing towards Gilan-E Gharb. Also, an Iraqi reserve force consisting of an understrength Iraqi tank platoon and a mechanized infantry platoon supported by an understrength FA battery (3 guns) had taken up positions along the Iraq/Iran border, 18 nm south of Qasr-E Shirin on [ ] 25X1
24. (S/D) Iranian forces observed on [ ] 11 nm south-southeast of Pol-E Zahab, were deployed in a valley adjacent to the one occupied by the Iraqi forces, and consisted of two tank platoons and two M109 SP gun batteries. One additional M109 SP gun platoon (one gun) and a UH-1 helicopter were observed, probably conducting registration fire, on a mountain pass which separated the Iraqi and Iranian forces in this area. 25X1
25. (S/D) Elements of the Iranian 3d Armor Brigade remained in garrison at Sar-E Pol-E Zahab Barracks and Brigade Headquarters and Depot [ ] These elements consisted of one tank battalion and one mechanized infantry battalion. Support units were dispersed in and around the brigade headquarters. 25X1

**Rear Areas****Iraq**

26. (S/D) In the Al Basrah area, a company of armored personnel carriers (APC) was deployed 4.3 nm north-northeast of Al Basrah at 30-36-30N 047-47-50E on 10 October. In addition, two SA-6 battalions were deployed in this area on [ ] One battalion was 5.5 nm north-northeast of Al Basrah at 30-37-55N 047-51-20E and the second was battalion 9.5 nm east of Al Basrah at 30-30-25N 047-58-05E on [ ] 25X1

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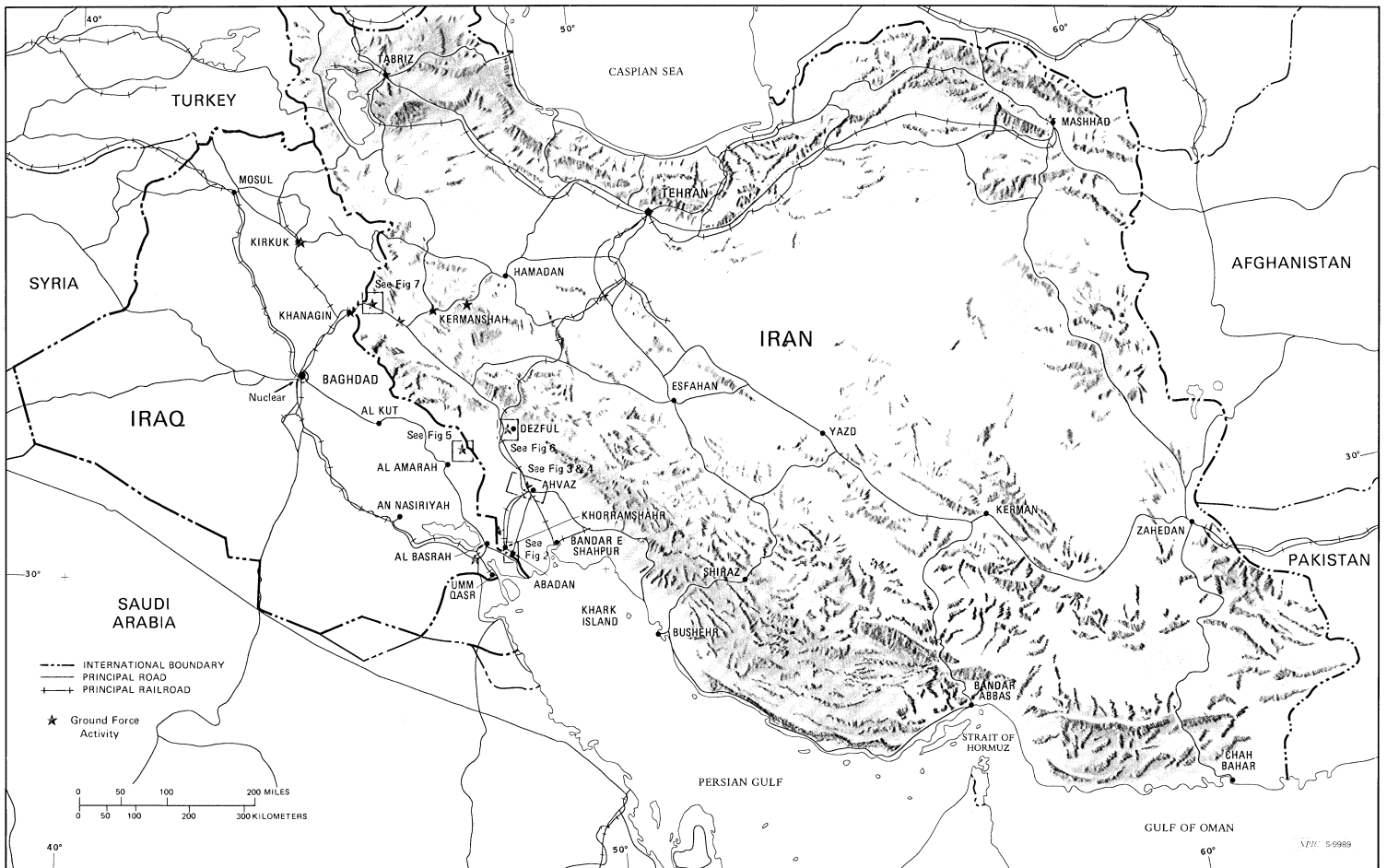


FIGURE 1. IRAQI/IRANIAN GROUND FORCES ACTIVITY

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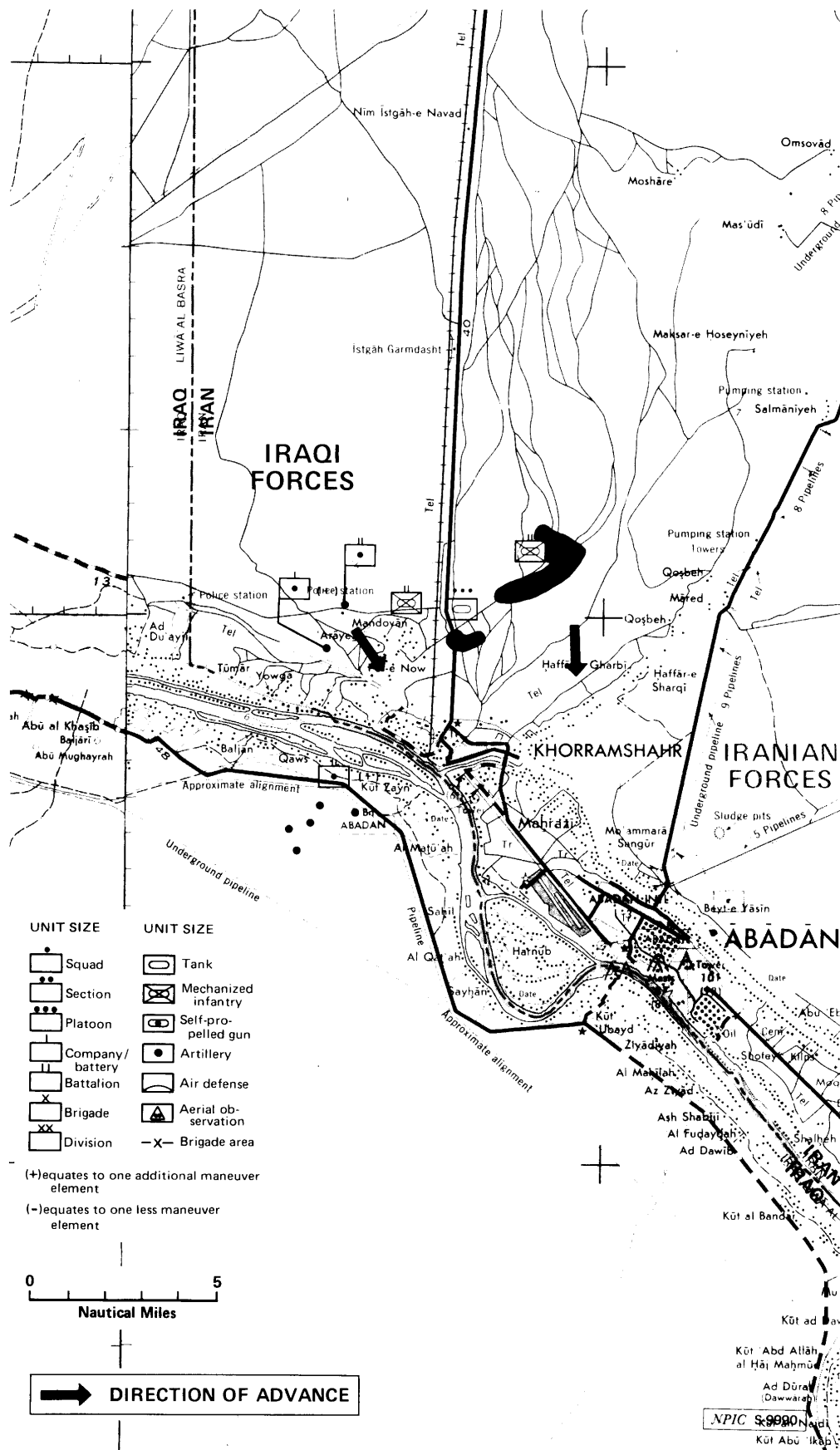


FIGURE 2. GROUND FORCES ACTIVITY IN THE KHORRAMSHAHR, IRAN, AREA ON

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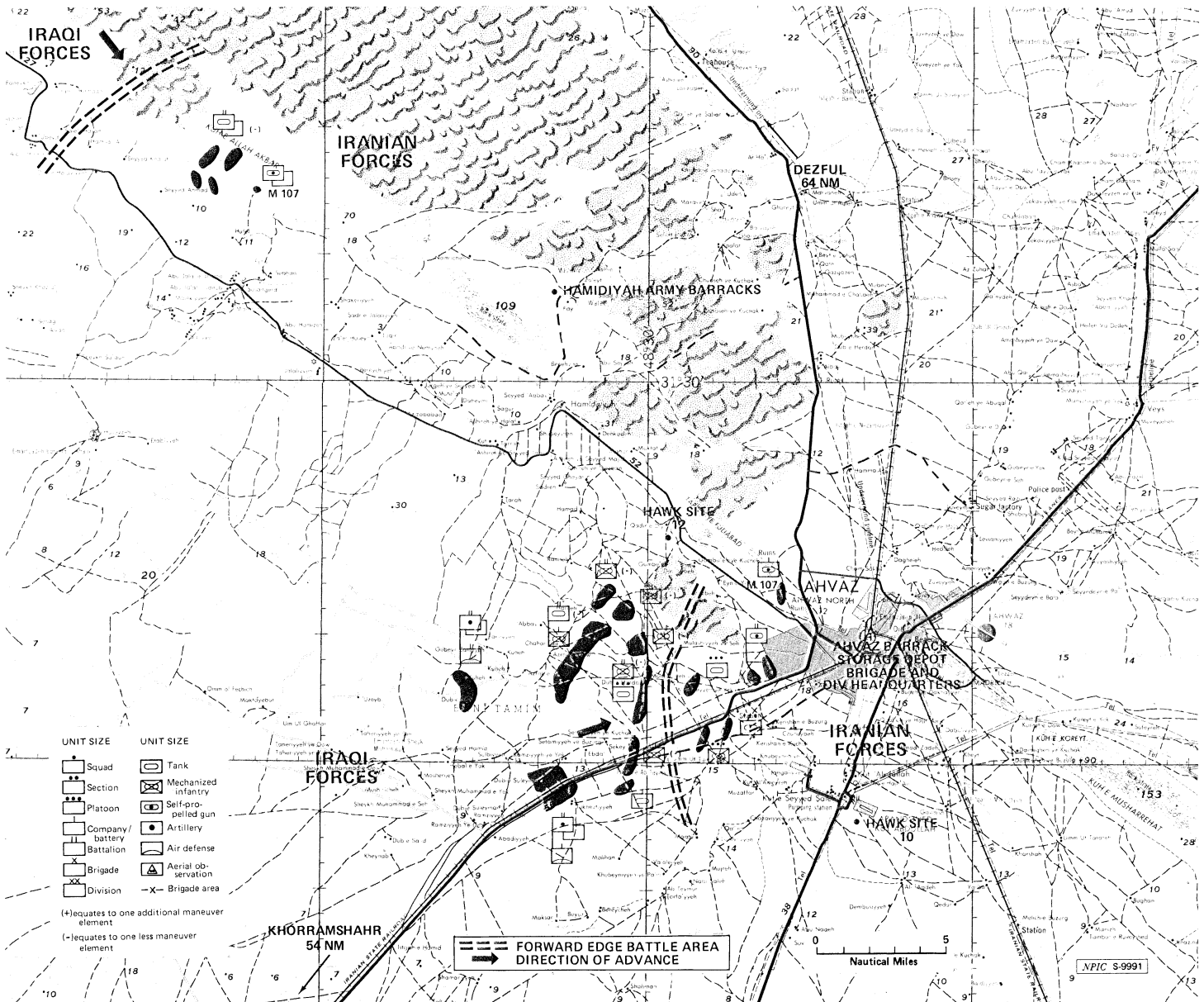


FIGURE 3. GROUND FORCES ACTIVITY IN THE AHVAZ, IRAN, AREA ON

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27. (S/D) In the Az Zubayr area, the three major installations housing the 5th Mechanized Infantry Division were seen on [ ] Major elements of the division, reported out of garrison on [ ] 25X1  
 remained out of garrison at Az Zubayr Barracks and Brigade Headquarters South [ ] at Az 25X1  
 Zubayr Barracks and Brigade Headquarters Southeast [ ] and at Az Zubayr Barracks and 25X1  
 Division Headquarters Ash Shuaybah [ ] 25X1
28. (S/D) In the Kirkuk area at Kirkuk SAM Support Facility North [ ] 25X1  
 11 SA-3 transporters were in newly constructed revetments and at least 200 SA-3 canisters were observed. Three  
 ZU-23 AA sites were at the facility and elements of a heavy-lift battalion (40-ton trailers and trucks) were  
 dispersed adjacent to the installation. Extensive grading was evident throughout the facility.
29. (S/D) In the Khanaqin area, approximately 60 trucks were dispersed in revetments throughout Sayyid  
 Saqiq Military Camp [ ] 25X1

**Iran**

30. (S/D) In west-central Iran, major elements (approximately 32 tanks) of the remaining M-60-equipped  
 tank battalion, minor elements (approximately 50 APC) of three BMP/BTR-50-equipped mechanized infantry  
 battalions, and the headquarters unit (three BTR-50 APC) of the M109-A1-equipped artillery battalion departed  
 Shahabad Barracks Depot and Brigade Headquarters [ ] 31 nm southwest of Kermanshah, 25X1  
 between [ ] 25X1
31. (S/D) Twelve M-60 tanks and 21, probably derelict, M-47 tanks remained in garrison. The other tank  
 battalion garrisoned there had departed prior to [ ] Major elements (approximately 120 APC) of the three 25X1  
 mechanized infantry battalions had been dispersed throughout the installation by [ ] The presence or 25X1  
 absence of the artillery battalion could not be determined. In addition, three MAZ-537 prime movers and five  
 60-ton trailers (three with armored vehicles) were in the northern portion of the installation.
32. (S/D) One PMP ponton bridge company had departed Kermanshah Barracks Depot Division and  
 Brigade Headquarters [ ] Also, 11 trucks with small 25X1  
 trailers were in convoy formation in the south end of the garrison, and six trucks were in convoy formation in 25X1  
 the center of the garrison on [ ] Those units remaining in garrison included two mechanized infantry  
 companies, one transport battalion, one engineer battalion and approximately 420 trucks. At least 12 vehicles in  
 garrison were not covered. Twenty-four trucks and 11 possible vehicles were in two ravines approximately 2 nm  
 east of the garrison.
33. (S/D) No battle damage was observed at Hajjabad Barracks and Brigade Headquarters [ ] 25X1  
 [ ] 13 nm east of Kermanshah on [ ] This installation houses the 2d Armor Brigade of the 81st 25X1  
 Armor Division. One tank platoon, one mechanized infantry platoon, and approximately 20 trucks departed the  
 garrison between [ ] Those units remaining in garrison included elements of a tank 25X1  
 battalion, elements of a mechanized infantry battalion, seven tank transporters, and approximately 170 trucks.
34. (S/D) In northwest Iran, 15 cargo trucks and nine 60-ton transporters remained dispersed throughout  
 Tabriz Barracks and Training Center [ ] 25X1
35. (S/D) Three probable AB-214 helicopter were at Tehran Barracks and National Defense University  
 Qasr-E Qajar [ ] 25X1
36. (S/D) In Qom City, six possible armored vehicles and nine probable trucks were on flatcars in Qom  
 Railroad Station Yards and Shops [ ] 25X1
37. (S/D) In northeast Iran in the Mashhad area, major elements of the tank battalion, the 105mm  
 howitzer battalion, and the AA artillery battalion were still absent from Mashhad Barracks Storage Depot  
 Division and Brigade Headquarter [ ] The heavy-lift unit and from 17 to 20 25X1  
 probable M-47 tanks remained in garrison.

**AIR ACTIVITY****Iraq**

38. (S/D) Four Iraqi airfields were imaged during the period (Figure 8 and Table 1). Significant activity  
 was observed at K-1 Airfield. Since [ ] three possible SA-9 and two ZU-23 AA sites were deployed 25X1  
 around the perimeter of the airfield. No new damage was observed; however, runway resurfacing was underway.  
 There was no imagery of the major Iraqi bomber base at Al Taqaddum Airfield [ ] or of H-3 25X1  
 Airfield [ ] of Mosul Airfield [ ] or of Rasheed Airfield [ ] 25X1

**Iran**

39. (S/D) Thirteen Iranian airfields (Table 1) were imaged during the reporting period, including airfields  
 in two of the primary battle areas. In the Dezful area, no new battle damage was observed at Vahdati AB  
 Airfield on [ ] All fixed-wing aircraft had departed between [ ] 25X1
40. (S/D) Both runways remained damaged and blocked, and at least two hangars had sustained battle  
 damage at Abadan Airfield International on [ ] 25X1

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**UNIT SIZE**

[Symbol]	Squad	[Symbol]	Tank
[Symbol]	Section	[Symbol]	Mechanized infantry
[Symbol]	Platoon	[Symbol]	Self-propelled gun
[Symbol]	Company/Battery/Battalion	[Symbol]	Artillery
[Symbol]	Brigade	[Symbol]	Air defense
[Symbol]	Division	[Symbol]	Aerial observation

(+) equals to one additional maneuver element  
(-) equals to one less maneuver element

**IRANIAN FORCES**

**2D BRIGADE 92D DIV**

**HAWK SITE 2**

**DEZFUL**

**FORWARD EDGE BATTLE AREA AS OF 15 APRIL 1980**

Scale: 0 to 5 Nautical Miles

XPIC S-9994

FIGURE 6. GROUND FORCES ACTIVITY IN THE DEZFUL, IRAN, AREA ON

25X1

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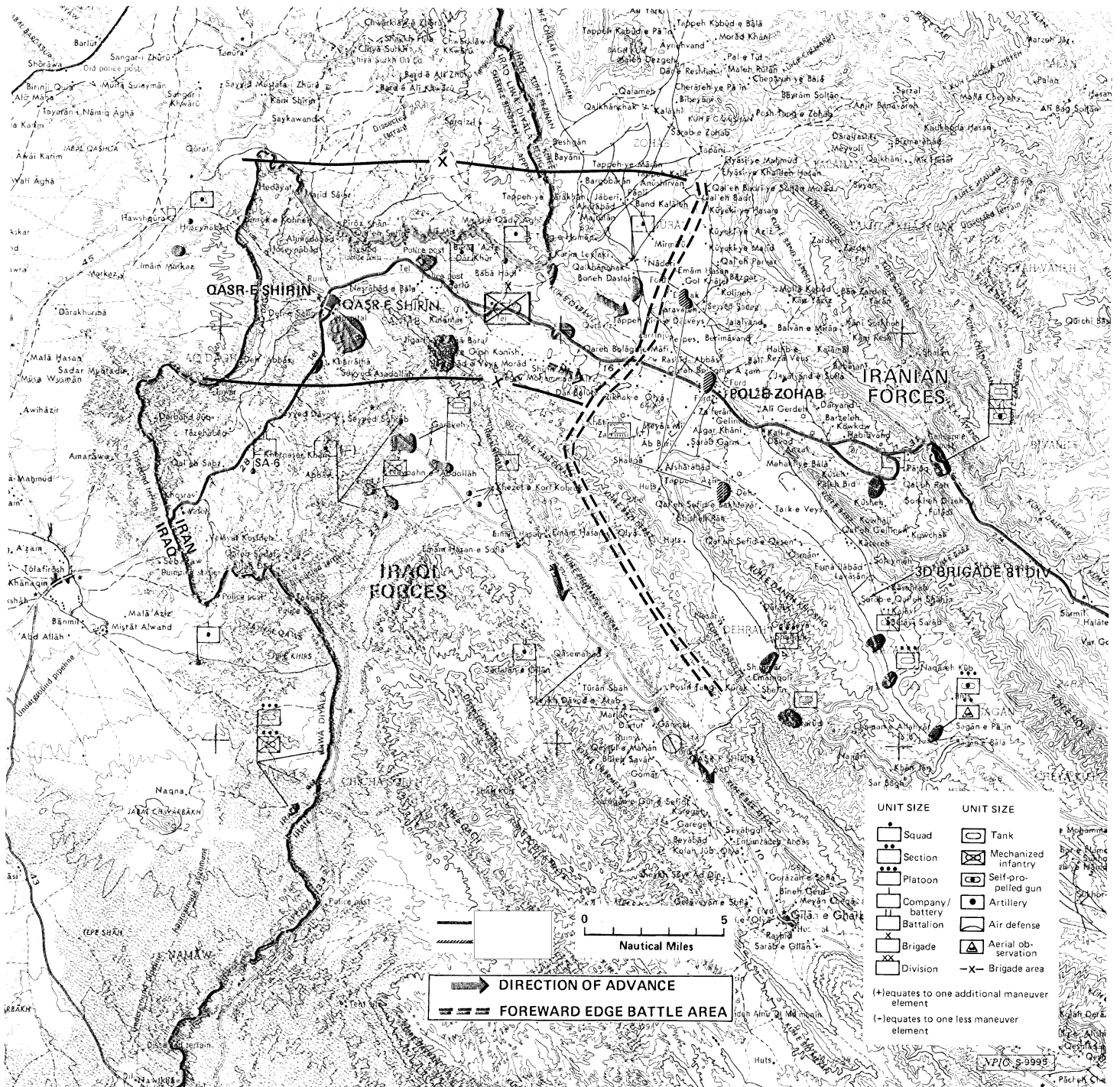


FIGURE 7. GROUND FORCES ACTIVITY IN THE QASR-E SHIRIN, IRAN, AREA ON

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41. (S/D) No imagery was acquired of the two major F-14 bases, Khatami AB Airfield [ ] 25X1  
and Shiraz International Airfield [ ]. Also, Shahrokhi AB Airfield [ ] and Tehran/ 25X1  
Mehrabad International Airfield [ ] were not imaged.

**NAVAL ACTIVITY****Iraq**

42. (S/D) On the Shatt Al Arab on [ ] three P-6 patrol torpedo boats (PT) and three Yevgenya 25X1  
inshore minesweepers (MSI) were moored at Al Basrah Naval Base [ ] while one Osa missile 25X1  
attack boat (PTG), two SO-1 submarine chasers (PCS), two Polnocny medium amphibious assault-landing ships  
(LSM), one T-43 fleet minesweeper (MSF), and one Split-B training ship (AX) were moored in the river. Three  
additional, probable P-6 PT were moored at a quay 2 nm upriver.

**Iran**

43. (S/D) Two naval facilities on Khark Island were observed on [ ] One Winchester patrol air 25X1  
cushion vehicle (PACV) and three possible patrol boats (PB) were at Jazireh Ye Khark Naval Base [ ] 25X1  
[ ] Two Wellington PACV were observed on partial coverage of Khark Island Hovercraft Base (BE 25X1  
[ ] 25X1

**Strait of Hormuz**

44. (S/D) Between [ ] one Sumner guided-missile destroyer (DDG), one Vosper MK-5 25X1  
(SAAM) guided-missile frigate (FFG), one Hengham amphibious vehicle landing ship (LST), and one Kangan  
water carrier (AWK) had arrived at Bandar Abbas Port Facilities Suru [ ] One Bandar Abbas 25X1  
small replenishment oiler departed during the same time period. Vessels at the facility on [ ] included 25X1  
one Battle DDG, two Sumner DDG, two Vosper MK-5 (SAAM) FFG, two La Combattante-IIIB (Kaman)  
PTG, two PGM-71 motor gunboats (PGM)—one departing and one in a graving dock, six MK-III PB, five  
river/roadstead boats (PBR), two Wellington PACV, two Hengham LST, two utility landing craft (LCU), two  
possible LCU (offshore), and one Kangan AWK.

45. (S/D) The runway and taxiway at Bandar Abbas Naval Air Station Airfield [ ] were 25X1  
blocked on [ ] 25X1

**COMMERCIAL SHIPPING****Shatt Al Arab Area**

46. (S/D) The Shatt Al Arab and port facilities along the river in Iraq and Iran were imaged on [ ] 25X1  
[ ] Twenty-four freighters, one coastal freighter, and one floating drydock were in the river between 30-33- 25X1  
30N 047-48-20E and 30-27-57N 048-00-45E on [ ] one cargo ship and two tankers were 25X1  
dead in the water in the river just north of Abadan, Iran.

47. (S/D) Fourteen freighters (one Soviet Leninskiy Komsomol class), two container ships, one medium 25X1  
tanker, and one coastal freighter were moored at the quay at Al Basrah Port Facilities [ ] Iraq, on 25X1  
[ ] All vessels, including the Soviet merchant ship, have been present since [ ] Also, four 25X1  
freighters were moored at the quay at Khor Al Zubayr Port Facilities [ ], Iraq, on the same day.

48. (S/D) No bomb damage or ships were observed at Mina Al Bakir [ ], Iraq, on [ ] 25X1  
[ ] 25X1

49. (S/D) Near the mouth of the Shatt Al Arab at Al Faw Port Facilities [ ], one medium 25X1  
bulk carrier and one small coastal freighter were moored at the piers, while two medium freighters and one  
probable tanker were moored in the open water of the river on [ ] 25X1

50. (S/D) No additional fires were observed at Khorramshahr Port Facilities [ ] 25X1  
[ ] A transit shed which had been ablaze on [ ] was completely destroyed, and a warehouse in the 25X1  
northwest portion of the facility had extensive fire damage to the roof. Seven freighters were moored at the  
quay, one smoking at the stern and one with the stern low in the water. Four freighters (one listing to starboard  
with smoke coming from amidship) and two coastal freighters (one with the stern low in the water) were in  
midriver.

51. (S/D) Abadan Port Facilities [ ] did not appear to have sustained damage from Iraqi 25X1  
artillery or air strikes thus far. No commercial vessels or naval combatants were observed at the port facilities  
on [ ] 25X1

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**Table 1.**  
**Air Activity in Iraq and Iran**  
**(Items keyed to Figure 8)**

*This table in its entirety is classified SECRET//WNINTEL*

Item	Installation/ BE No	Date of Coverage	AOB Present	Operational Status/Remarks	
<b>Iraq</b>					
1	Shaibah Airfield [redacted]		3 FISHBED, 11 small straight-wing aircraft, 2 HIP, 3 SUPER FRELOON	Operational; undamaged	25X1
2	Kirkuk Airfield [redacted]		9 FITTER & 4 FISHBED	Operational; no new damage	25X1
3	K-1 Airfield [redacted]		21 HIP, 7 Wessex, 1 Alouette	Runway is nonoperational (resurfacing underway); no new damage; 2 ZU-23 AA sites & 3 poss SA-9 newly deployed since [redacted]	25X1 25X1
4	K-2 Airfield [redacted]		None	Runway is nonoperational (resurfacing underway); undamaged	25X1 25X1
<b>Iran</b>					
5	Khark Island Airfield [redacted]		None	Operational; no damage; runway remains blocked by vehicles	25X1
6	Abadan International Airfield [redacted]		2 F-27, 1 prob F-27	Nonoperational; both run- ways remain damaged & blocked by vehicles; 2 hangars damaged	25X1
7	Agha Jari Airfield [redacted]		None	Operational; undamaged, partial coverage	25X1
8	Gorreh Airfield [redacted]		None	Operational; undamaged; runway blocked	25X1
9	Ahvaz Airfield [redacted]		1 F-27, 1 CH-47	Operational; no new damage	25X1
10	Vahdati AB Airfield [redacted]		8 AH-1/AB-214, 1 Jet Ranger, 1 poss Ch-47	Operational; no new damage; 1 F-5, 2 CH-47, 2 AH-1/AB-214 & 1 Jet Ranger departed between [redacted]	25X1 25X1
11	Kermanshah Airfield [redacted]		2 CH-47, 40 AH-1/AB-214 7 prob Jet Ranger	Operational; no new damage	25X1
12	Sar Dasht Airstrip East [redacted]		None	Operational; undamaged	25X1
13	Teheran/Doshan Tappeh Airfield [redacted]		1 C-130, 3 F-27 1 CH-47, & 4 AB-214	Operational; undamaged (partial coverage)	25X1
14	Tehran/Ghale Morghi Airfield [redacted]		1 DC-3, 28 small straight-wing aircraft, 4 Ch-47, 3 AH-1, 10 AB-214, 3 AH-1/AB-214	Operational; undamaged; 3 ZU-23 AA guns were newly deployed	25X1
15	Semnan New Airfield [redacted]		None damaged	Operational; undamaged	25X1
16	Mashhad Airfield [redacted]		2 747 & 2 C-130	First deployment of 747 at this airfield; heavy cloud cover precludes assess- ment of operational status	25X1
17	Bandar Abbas NAS Airfield [redacted]		None	Operational; runway blocked	25X1
18	Jask Airfield [redacted]		None	Operational; undamaged; runway blocked by vehicles	25X1
19	Chah Bahar AB Airfield [redacted]		None discernible	Heavy cloud cover precludes assessment of operational status; 1 vehicle blocked the high- speed taxiway	25X1
20	Chah Bahar Airfield [redacted]		None	Operational; undamaged	25X1

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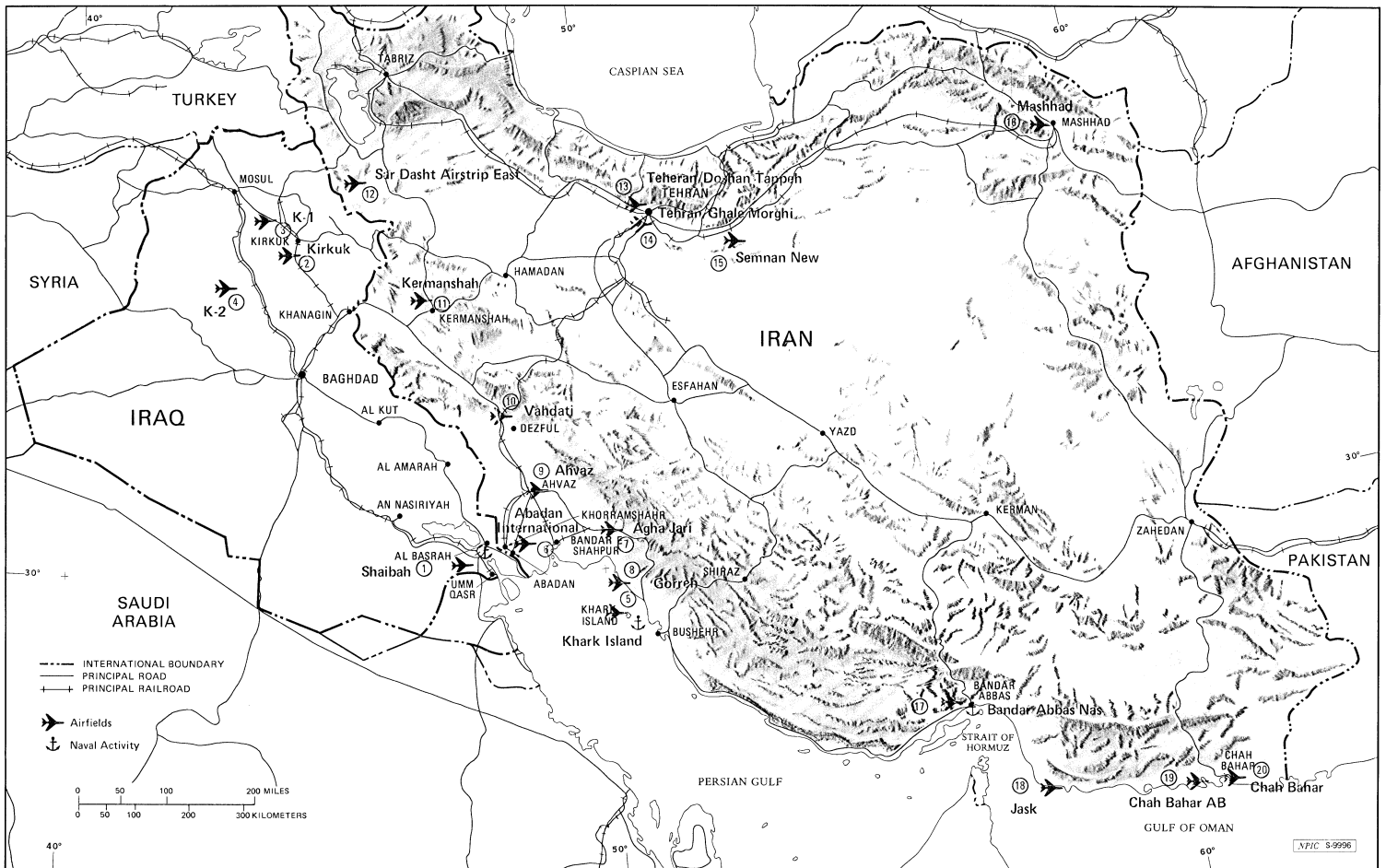


FIGURE 8. IRAQI/IRANIAN AIR AND NAVAL FACILITIES

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**Table 2.**  
**POL Facilities in Iraq and Iran**  
**(Items keyed to Figure 9)**

*This table in its entirety is classified SECRET/WNINTEL*

Item	Installation Name/ BE No	Date of Coverage	Damage	Comments	
<b>Iraq</b>					25X1
1	Al Faw Crude Oil Storage Terminal [redacted]		New	1 medium floating top POL tank damaged & smoldering	25X1
2	At Tubah Gas Oil Separation Plant Complex 1 North [redacted]		None		25X1
3	At Tubah Gas Oil Separation Plant Complex 2 North [redacted]		New	1 large vertical POL tank & adjacent pipeline	25X1
4	At Tubah Gas Oil Separation Plant Complex South [redacted]		None		25X1
5	Rumaila Oilfield Gas Oil Separation Plant 2 [redacted]		None		25X1
6	Rumaila Oilfield Gas Oil Separation Plant 4 [redacted]		None		25X1
7	Rumaila Oilfield Gas Oil Separation Plant 5 [redacted]		None		25X1
8	Rumaila Oilfield Pump Station 1 [redacted]		None		25X1
9	Rumaila Oilfield Pump Station 3 [redacted]		None		25X1
10	Ar Rumaylah Petroleum and Pumping Station [redacted]		None		25X1
11	Al Basrah Petrochemical Plant [redacted]		Old	No fire or additional damage	25X1
12	Al Basrah Petroleum Refinery Az Zubayr [redacted]		Old	Fire & smoke reported on [redacted] had been extinguished	25X1 25X1
13	Al Basrah Petroleum Refinery Muftiyah [redacted]		Old	2 large POL tanks (fire & smoke evident from 1 tank); destroyed pipelines	25X1
14	Buzurgan Gas Oil Separation Plant No 2 [redacted]		None		25X1
15	Buzurgan Oilfield Gas Oil Separation Plant 3 [redacted]		None		25X1
16	Buzurgan Oilfield Petroleum Complex [redacted]		None		25X1
17	Khanaqin Petroleum Refinery Alwand Koc [redacted]		None		25X1
18	Bayji K-2 Petroleum Pump and Storage Station [redacted]		None		25X1
19	Kirkuk Gas Absorption and Stabilization Plant North [redacted]		None		25X1
20	Kirkuk Petroleum Pumping Station and Storage K-2 [redacted]		Old		25X1
21	Kirkuk Petroleum Topping Plant and Storage IPC [redacted]		None		25X1

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TABLE 2 (cont)

Item	Installation Name/ BE No	Date of Coverage	Damage	Comments
22	Haujira Degassing Station [redacted]		None	25X1
23	Sorbashakh Degassing Station [redacted]		None	25X1
<b>Iran</b>				
24	Abadan Petroleum Products Storage and Pumping S Trans [redacted]		New/old	30 POL storage tanks destroyed (7 on fire); 4 POL tanks damaged (2 on fire); pipelines in flames
25	Abadan Petroleum Refinery NIOC [redacted]		New/old	10 large vertical storage tanks destroyed (5 on fire); 5 POL tanks damaged; 19 small vertical storage tanks damaged; 1 vertical tank destroyed; & pipeline on fire
26	Bandar-E Mashur POL Terminal [redacted]		None	25X1
27	Marun Gas Oil Separation Plant PU 5 [redacted]		None	25X1
28	Marun Gas Oil Separation Plant PU 1 [redacted]		None	25X1
29	Marun Gas Oil Separation Plant PU 3 [redacted]		None	25X1
30	Marun Gas Oil Separation Plant PU 4 [redacted]		None	25X1
31	Marun Gas Oil Separation Plant PU 6 [redacted]		None	25X1
32	Ahvaz Gas Oil Separation Facility North [redacted]		None	25X1
33	Ahvaz Gas Oil Separation Facility Northeast [redacted]		None	25X1
34	Ahvaz Gas Oil Separation Plant and Pump Station East [redacted]		None	25X1
35	Tabriz POL Refinery [redacted]		None	Partial coverage; haze
36	Rey Petroleum Refinery and Storage [redacted]		None	25X1
37	Esfahan Petroleum Refinery Northwest [redacted]		None	320 POL trucks in shipping area (double number present [redacted])
38	Shiraz POL Refinery [redacted]		None	25X1
39	Gorreh Crude Oil Booster Pump Station [redacted]		None	25X1
40	Jazireh Ye Khark Crude Oil Storage Island [redacted]		None	25X1

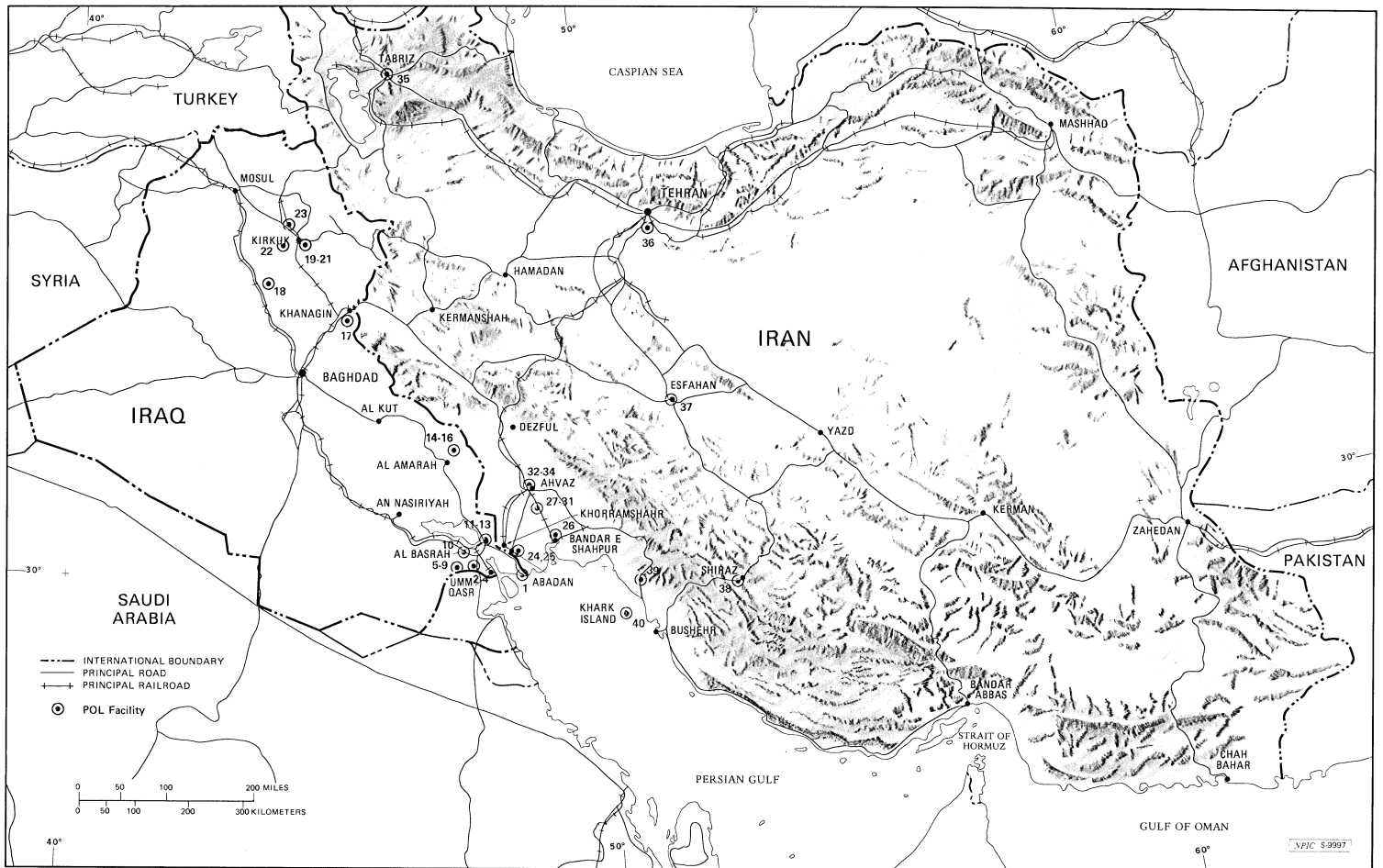


FIGURE 9. POL FACILITIES IN IRAQ AND IRAN

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**SECRET****Iraq**

52. (S/D) One Osa PTG and five freighters were at the quay at Abu Plus Port Facility [ ] on [ ] Additionally one Polnocny LSM, five freighters, and two coastal freighters were moored in the roadstead. 25X1  
25X1

**Iran**

53. (S/D) No vessels or activity were observed at Chah Bahar Port Facilities [ ] [ ] 25X1  
25X1

54. (S/D) Two Iranian port facilities on the Caspian Sea were observed on [ ] Nine merchant ships were moored at the quay at Bandar-E Pahlavi Port Facilities [ ], and four merchant ships were moored at Nau Shahr Port Facilities [ ]. One additional merchant ship was anchored in the Caspian Sea north of Nau Shahr. 25X1  
25X1  
25X1

**POL FACILITIES****Iraq**

55. (S/D) Twenty-three POL facilities were observed during the reporting period (Figure 9 and Table 2). New battle damage was observed at two facilities. Al Faw Crude Oil Storage Terminal and Tabah Gas Oil Separation Plant (GOSP) Complex 2 North. On [ ] one medium floating-top tank in the north storage area at Al Faw was damaged and smoldering. A large, vertical POL tank and an adjacent pipeline at Tabah had been damaged by [ ] 25X1  
25X1

**Iran**

56. (S/D) Further damage was observed at two of the 17 Iranian POL-related facilities observed during the reporting period (Table 2). Additional damage was observed at Abadan Petroleum Product Storage and Pumping Station Trans, and Abadan Petroleum Refinery NIOC .

57. (S/D) Abadan Petroleum Products Storage and Pumping Station Trans has sustained extensive damage since the beginning of the Iran/Iraq war. Thirty large, vertical POL storage tanks have been destroyed—seven of these were burning on [ ]—and at least four additional storage tanks were damaged, two were on fire. Pipelines in three areas of the facility were also in flames on [ ] 25X1  
25X1

58. (S/D) Further damage to Abadan Petroleum Refinery NIOC on the Shatt Al Arab was observed on [ ] Since the beginning of hostilities, ten large, vertical POL storage tanks have been destroyed, five were on fire, and at least five others have sustained damage. Nineteen small, vertical storage tanks have been damaged, and one was destroyed. A pipeline was on fire in one area of the facility. The cracking unit had not sustained any visible damage. 25X1

**OTHER****Iraq**

59. (S/D) Significant concealment efforts were observed at Baghdad Nuclear Research Center [ ] [ ] in both the French OSIRAC/ISIS reactor area in the southeast corner and in the probable Italian laboratory area in the southwest corner of the research center on [ ] Scaffolding, which will probably be used to support canvas/netting, was being erected around the reactor building, cooling tower, and two of the associated laboratory buildings (Figure 10). In addition, an earthen berm was being constructed along the west side of the French reactor area. In the Italian laboratory area, draped canvas/netting almost totally obscured the major laboratory buildings (Figure 11). This activity was not evident on [ ] 25X1  
25X1  
25X1

60. (S/D) Additionally, vehicles at the adjacent SA-6 missile support site east of the research center had been placed in newly constructed revetments.

61. (S/D) In the Kirkuk area, no additional battle damage was observed at the Mahawali Waterworks [ ] 25X1

**Iran**

62. (S/D) Damage was observed at an unidentified factory at 34-05-00N 046-31-28E, 2.5 nm southeast of Shahabad Barracks Depot and Brigade Headquarters [ ] in western Iran on [ ] Five buildings and three storage tanks (unknown function) had sustained damaged. 25X1

63. (S/D) No bomb damage or unusual activity was observed at the American Consulate Tabriz (BE [ ]) 25X1

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64. (S/D) Eight trucks were at the Astara Truck Depot [ ] This was a normal amount of activity for this installation on the Iran/USSR border. 25X1

65. (S/D) In the Bandar-E Shaphur area, bomb damage was observed at Bandar-E Shaphur Chemical Fertilizer Complex [ ] on partial coverage of [ ] One large building was heavily damaged, while two additional buildings and three sheds were slightly damaged. This facility is adjacent to Bandar-E Shaphur Port Facilities [ ], which were not imaged. 25X1  
25X1

66. (S/D) Evidence of fuel shortages continued to be observed throughout Iran. Unusually long gas lines of both commercial and private vehicles have now been observed in nine cities. In addition to those cities previously reported, gas lines were observed in Qom, Kermanshah, Shahabad, and Bandar-E Pahlavi during this reporting period.

**Libya**

67. (S/D) Two Iranian 747 aircraft (one military and one civil) were at Ghurdabiyah Airfield [ ] 9 nm south of Surt, on [ ] Five rows of stacked material were near one of the 747 (Figure 12). 25X1  
25X1

68. (S/D) On subsequent coverage of [ ] the 747 with military markings and the stacks of material were not present. The 747 with civil markings remained (Figure 13). 25X1

**REFERENCES****IMAGERY**

(S/D) All applicable satellite imagery acquired from [ ] was used in the preparation of this report. 25X1

**MAPS OR CHARTS**

DoD. Joint Operations Graphics, Various Sheets (UNCLASSIFIED, Distribution Restricted)

**DOCUMENTS**

1. NPIC. Z-20135/80, IAR-0273/80, *Iraq/Iran Military Summary*, [ ] (S), Oct 80 (SECRET/[ ]) 25X1  
25X1

2. DIA. DDB-1100-IZ-80, *Ground Order of Battle: Iraq (U)*, Jan 80 (SECRET/[ ]) 25X1  
DIA. DDB-1100-IR-78, *Ground Order of Battle: Iran (U)*, Aug 78 (SECRET/[ ]) 25X1

(S) Comments and queries regarding this report are welcome. They may be directed to the South Asia/Arabia Branch, Third World Forces Division, Imagery Exploitation Group, NPIC, [ ] 25X1

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